FIRST & Final 2nd & final

Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For other works)

No.:..... Date:.....

Division: Medarahalli Division Sub-Division:

Bill Received No. 240/14-15 Dated 25-6-14 Cash Book Vocher No..... Dated 99-5-14

Scheduled Docket No..... Head of Account.....

Name of work (as Per Sanctioned Estimate.):**Improvements roads to Medarahalli main road in ward No. 12 shettyhalli Sub Division.**

Name of Contractor and Full Address: : - **Technical Manager (west), Karnataka rural Infrastructure Development Limited, Project Implementation unit, Madhavanagara, Bangalaore 560 001.**

Reference to Agreement No: **EE/DD/WO/ 238 /12-13**

Certified that the measurements were taken by me on 29/5/14 and recorded in pages 83315 to 83326/2

Measurements Book No. 834/13-14 and that the work is satisfaction executed

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Signature of Contractor

Asst. Engineer

Officer-in-charge of work.

Certified that the measurements were taken by me on 29.5.14 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

If Memorandum of Payment **Work Code No. 012-12-000047** P code- P-0190

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ಪದ್ಮನಾಭನಗರ, ಬೆಂಗಳೂರು.

		Amount
1	Total Value of work done or supplies made as per account.	
2	Deduct amount to be held in reserve being ..... Percent Rs:	
3	Deduct amount to be held in reserve being balance	
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vucher No..... Dated..... S.D. No..... Amount adjusted towards cash advance recovery of b) Payments cost store or other materials supplied.	
5	Balance being unpaid value of work done held in reserve Total.....	
6	Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	
7	Net amount due to or from contractor	
	Unadjusted items	
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Signature of Contractor

Received Rs.....(in wards).....

By cash and by adjustment of payment as per memorandam.

Witnesses:
1
2

(for use in the office)

Date: 31/5

Paid by me by cheque..... Dated.....

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Signature of Contractor

Executive Engineer.

Sl. No.	Description of Items	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Scarifying existing stone metal layer upto 75mm thick along withtheir bituminous surface. Picking up scarified materials and stacking of old serviceable materials (lead of 100m. sequential spreading of the salvagea aggregates with fresh aggretes on prepared base and consolidating as per water bound macadam specifications including cost af all labour HOM of machineries comp ete as per specifications	Sqm	—	—	—	338.50	65.23	22048=00	338.50	22048=00
2	Cleaning the existing black topped surface with brooms. Soft brushes and finally dusting with old gunny bags and/ or compressed air to reccive bituminous treatment including cost of all materials,labour, HOM of machineries complete as per specifications	Sqm	—	—	—	3594.50	2.38	8541=00	3594.50	8541=00
3	Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipelines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated leveled and neatly dressed disposed earth to be leveled after breaking of clods	Cum.	—	—	—	273.42	154.76	42314=00	273.42	42314=00
4	Construction of granular sub-base by providing close graded Material, Mixing in a mechanical mix plant at OMC carriage of mixed Materials to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per SPecfications.	Cum.	—	—	—	204.31	981=72	200575=00	204.31	200575=00
5	Providing, laying spreading and compacting graded stone aggregate to wet mix macadam Specifications including premixing the materials with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to acheive th desired	Cum.	—	—	—	204.31	1059.48	216462=00	204.31	216462=00
6	Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg p r 10 sqm for surfaces of low and medium porosity respectively over prepared surface of grar r base with cut back am C-70 or any other bitumen mixed with diesel at 10kg per 10sq alod in bitumen boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials labour, HOM of Machineries Complete as per specifications	Sqm	—	—		1021.55	68.26	69837=00	1021.55	69837=00
7	Tick-coat Providing and laying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/Granular surface cleaned with mechanical broom. Complete as per specifications.	Sqm	—	—		3836.30	10.80	41432=00	3836.30	41432=00
8	Providing and laying bituminous macadam, on prepared surface with crushed course aggregates as per design mix formula for base/binding course including loading of aggregates with F.E loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to acheive the desired density, 50/75 mm compacted thickness with 80/100 Grade bitumen but excluding cost of primer/tack coat with lead upto 1 km including cost of all materials, labour HOM of machineries complete as per specifications.	Cum.	—	—		51.08	6106=32	311896=00	51.08	311896=00
9	Providing and laying semi derise bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transprosing the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vigratory and tandem rollers to acheive the desired compaction as per MORTH specifications clause No. 500.9 complete in all respects as per specifications.	Cum.	—	—		208.46	1050	218923=00	208.46	218923=00
10	Carriage of mixed materials 10 kms, for items of Qty wide No.8+9	Cum.	—	—		259.54	56.70	14716=00	259.54	14716=00
11	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dreesing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications	Cum.	951.51	132.50	126075.075	21.69	132.50	2874=00	973.20	128949=00

12	Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220 kgs. With 40mm and down size graded granite metal coarse aggregages @ 0.892cum and fine agggegate @ 0.465cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation and plinth, cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum.	109.77	4053.44	444946.1088	9.93	4053.44		49.70	48.5997=00	
13	Providing and laying in position reinforced cement concrete of M20 with OPC cement @ 320kgs, with 20mm and down siz graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459cum super plastisiser @ 3ltrs confirming to IS9103-1999 Reaffirmed-2006, machine mixed, concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation plinth and ground floor level for roof slabs staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping bed blocks, anchor blocks, palin window cills, fillets etc., including cost of all materials, labour HOM of machinery, curing complete as per specifications.	Cum.	256.16	5142.06	1317190.09	64.61	5142.06		32.80	16179573=00	
14	Providng TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position lapping and /or welding wherever required, tying with binding wire and anchoring to the adjoinng members wherever necessary complete as per desgn (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Qtl	146.22	7187.80	1051009	14.18	7187.80		160.40	11500886=00	
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	2440	555.44	1355273.6	25.00	555.44		2465.00	1369160=00	
16	Providing & laying reinforced cement precast slabs of mxi CC 1:1.5:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & complete as per specifications.	Sqm	540	1963.8	1060344	—	—	—	540.00	10,60,344=00	
17	Provididling and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete as er specificaitons.	No	1350	289.44	390744	—	—	—	1350.00	390744=00	
18	Providing and applying ready mix priming coat over concrete/masonry/asbestos cment sheet/plasted surfaces including preparing the surface after throughtly cleaning of oil, grease dir, labour complete as er specificaitons.	Sqm	—	—	—	300.00	20.14	6042=00	308.00	6042=00	
19	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete concrete surfaces, with materials, labour complete as per specifications.	Sqm	—	—	—	300.00	45.90	13769=00	300.00	13769=00	
20	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materilas as per item No. 17.4/KSRRB : M 100-4.1 .... Rs. 2.00 Tonne/ Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading item No 17.1 KSRB M 100-1 Rs.62.20	Cum.	951.51	100.35	95484	295.11	100.35	29614	275.11	29614=00	
					5841085.873					94,99,316=00	
	Add :-10% KRIDL Charges				584106.50					9,49,131=00	
					6425172.373					104,49,247=00	

CERTIFICATE

1 This is to certify that the contractor has completed the work satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.